

## About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at [news.samsung.com](http://news.samsung.com).

## For more information

For more information about PT10, visit [www.samsungmedicalsolution.com](http://www.samsungmedicalsolution.com)

LABGEO PT10 4.7-170223-EN

Thermo Fisher Scientific is the global collaboration partner of Samsung for commercialization and co-development of innovative solutions in the POC testing market. Together we provide excellent expertise in clinical diagnostics to fulfill customer needs and improve patient management.



Samsung LABGEO<sup>HC10</sup>  
HEMATOLOGY ANALYZER



Samsung LABGEO<sup>IB10</sup>  
IMMUNOASSAY ANALYZER

SAMSUNG SMART BLOOD ANALYZER

CLINICAL CHEMISTRY ANALYZER



Samsung  
**LABGEO**<sup>PT10</sup>  
10 minutes is all it takes

# Save Time, Save Life

Samsung leads the way  
in medical innovation  
to provide time-efficient solutions

Introducing Samsung's latest medical innovation, Samsung LABGEO<sup>PT10</sup> saves time for clinicians and patients through fast, easy and accurate blood analysis.

Samsung LABGEO<sup>PT10</sup> is a portable clinical chemistry analyzer that meets the needs of clinics while providing a smart solution to improve efficiency.



# FAST

Test to Results within 10 minutes-  
possible with Samsung LABGEO<sup>PT10</sup>

## 10+ Rapid Test Results

Allows rapid and accurate diagnosis within clinics.

## Simple & Fully Automated Operation

Easy application of blood sample and loading of test cartridges.  
Automated plasma separation eliminates the need for pre-centrifugation.



## Multi-Parameter Testing

Optimized combination of multi-parameters enables fast and accurate diagnosis.

Test-specific cartridges including hepatic, renal, lipid, wellness, biochemistry and HbA1c panel allow multiple disease screening.



# EASY

Easy and automated testing process maximizes convenience for clinicians and patients

**Convenient Testing with Only 70 µl of Blood**  
Small sample volume requirement makes testing more convenient and less burdensome for pediatric and elderly patients.

**Intuitive UI**  
Intuitive, user-friendly UI facilitates convenience and enhances user experience.

**Large Built-in Memory**  
Internal storage capacity of up to 5,000 test results enables immediate access to data.



# ACCURATE

Accurate test results bring certainty to a diagnosis and greater patient trust



**Clinically-proven Accuracy**  
95% correlation with central laboratory analyzer

**Built-in EQC Chip**  
Monitors and regulates optic module with EQC chip

**Built-in Self-diagnostic Capability**  
Automatically scans for abnormalities

**Built-in Self-calibration Capability**  
Self-calibration through QR code recognition

## Key features

Size (WDH)	140 x 206 x 205 mm
Weight	2 kg
Display	4.3 inch Touch panel
Printer	Built-in thermal printer
Interface	Ethernet, USB 2.0 port
Power Supply	AC adapter (Output DC 19 V, 4.74 A, 90 W)

## Cartridge Configuration\*

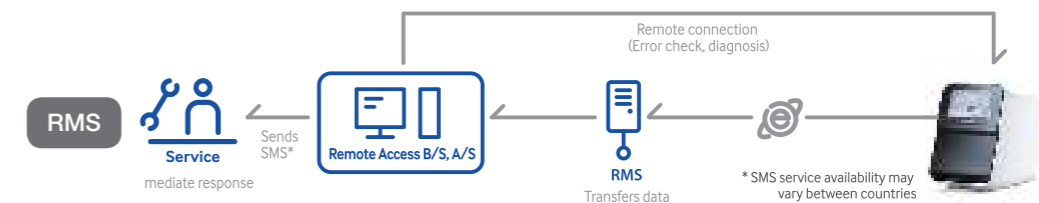
Panel	Test Analytes																				
	ALB	ALP	ALT	AST	AMY	BUN	CHOL	CREA	GGT	GLU	TBIL	DBIL	TP	TRIG	HDL	LDL**	HbA1c/eAG***	Na	K	Cl	
Samsung LABGEO <sup>PT</sup> Hepatic Test 9 IVR-PT01	●	●	●	●					●	●	●	●	●								
Samsung LABGEO <sup>PT</sup> Lipid Test 5 IVR-PT03							●			●				●	●	●					
Samsung PT Wellness Test 9 IVR-PT04			●	●	●	●	●	●	●	●	●										
Samsung LABGEO <sup>PT</sup> Biochemistry Test 9 IVR-PT05		●	●			●	●	●	●					●	●	●					
Samsung LABGEO <sup>PT</sup> HbA1c Test IVR-PT07																	●	●			

\*Product availability may vary by country and is subject to change without prior notice.  
\*\*LDL is provided as an equation.  
\*\*\*eAG = 28.7 X HbA1c - 46.7

## Smart Healthcare

### Proactive Customer Service

RMS (Remote Management System) provides real-time service through equipment status checks and immediate response to errors from a service team



### IT Solution

Connects to HIS (Hospital Information System), PC, and Mobile phone / device for efficient database management

